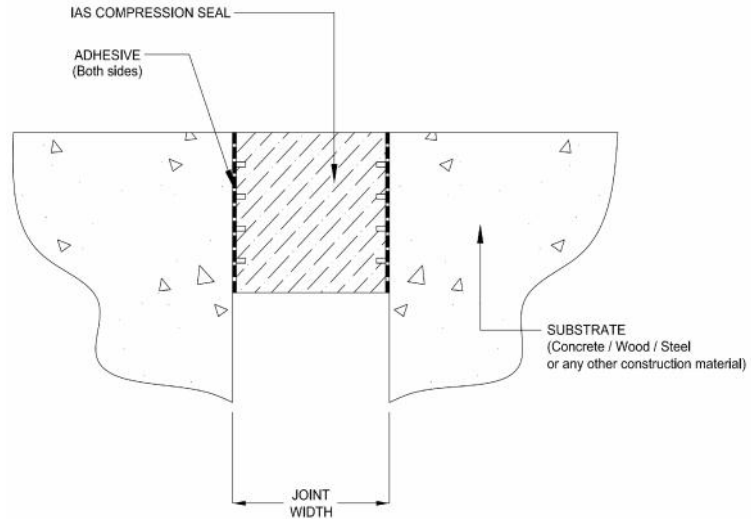


Under Hydrostatic Conditions

IAS Series may be installed under hydrostatic conditions using the charts below as a guide.

IAS Series is water proof, flexible, pre-formed joint seal that may be used in above or below grade applications. In hydrostatic conditions the amount of expected pressure determines dimensions. Without backing material or bottom support. The following design chart was developed to help determine the proper seal size for the IAS Series joint material that is unsupported. Please refer to the IAS Series Joint System technical data sheet for the IAS Series Joint System design requirements in non-hydrostatic conditions.



IAS Series Chart under Hydrostatic Conditions:

Hydrostatic Pressure	Feet of Head	DEPTH	
		Minimum Seal Depth	Maximum Tension on Seal Allowed
2.17	5	2	25%
4.33	10	2	25%
6.5	15	2	20%
8.66	20	2 ½	15%
10.83	25	2 ½	5%
12.99	30	3	0%
15.16	35	3	0%
17.32	40	3 ½	10% in Compression Min.
21.65	50	3 ½	15% in Compression Min.
25.98	60	4	20% in Compression Min.
30.30	70	4	25% in Compression Min.

WIDTH	
Joint Gap @60°F	Min. Seal Width
1"	1 3/8"
1 ¼"	1 5/8"
1 ½"	2"
1 ¾"	2 3/8"
2"	2 ¾"
2 ¼"	3"
2 ½"	3 3/8"
2 ¾"	3 5/8"
3"	4"
3 ½"	4 5/8"
4"	5 ¼"

NOTES:

Minimum depth is two (2) times joint opening at mid range or per chart. The maximum movement shall not exceed the uncompressed seal size from 26' of head to 35'. Over 35' of head the seal shall remain under the minimum compression listed in the chart, at the maximum opening. Please contact the manufacturer for site specific requirements. Other sizes available. Contact Prospec for site specific recommendation.

Limited Warranty:

Prospec Specialties Inc. makes no warranty, expressed or implied, including any warranty of merchantability of fitness for a particular purpose. The sole remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the discretion of Prospec Specialties Inc. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL PROSPEC SPECIALTIES INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOST OF PROFITS) OR PUNITIVE DAMAGES.